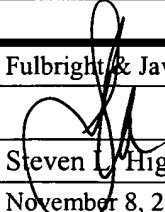


<b>TRANSMITTAL FORM</b>	<b>Application Number:</b>	10/526,521
	<b>Filing Date:</b>	March 1, 2005
	<b>First Named Inventor:</b>	Markus Hecker
	<b>Art Unit:</b>	Unknown
	<b>Examiner Name:</b>	Unknown
Total Number of Pages in this Submission : _____		<b>Attorney Docket Number:</b> DEBE:054US
<b>ENCLOSURES (check all that apply)</b>		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> References B1-B3, C1-C8  <input type="checkbox"/> Certified Copy of Priority Documents  <input checked="" type="checkbox"/> Reply to Missing Parts/Incomplete Application <input checked="" type="checkbox"/> Reply to Missing Parts/Requirements <input checked="" type="checkbox"/> Declaration(s) 1 <input checked="" type="checkbox"/> Copy of Notice of Missing Parts/Requirements	<input type="checkbox"/> Drawings(s) _____  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input checked="" type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Statement under 37 CFR §3.73(b) <input type="checkbox"/> Designation of Patent Practitioners  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below) <input type="checkbox"/> Check in the amount of \$ <input checked="" type="checkbox"/> Authorized to be charged to deposit account if check insufficient or inadvertently omitted Deposit account number: <u>50-1212/DEBE:054US</u> <input checked="" type="checkbox"/> Sequence Statement <input checked="" type="checkbox"/> Paper Copy of Sequence Listing <input checked="" type="checkbox"/> Computer Readable Form (CRF) <input checked="" type="checkbox"/> Postcard <input type="checkbox"/> _____ <input type="checkbox"/> _____
Remarks:		
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>		
Firm Name	Fulbright & Jaworski L.L.P.	Customer Number 32425
Signature		
Printed Name	Steven L. Highlander	Reg. No. 37,642
Date	November 8, 2005	

EXPRESS MAIL MAILING LABEL	
NUMBER	EV 414867145 US
DATE OF DEPOSIT	November 8, 2005

RECEIVED  
NOV 10 2005

08 NOV 2005  
#4

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Markus Hecker

Andreas H. Wagner

Serial No.: 10/526,521

Filed: March 1, 2005

For: DECOY-OLIGONUCLEOTIDE-  
INHIBITION OF CD40-EXPRESSION

Group Art Unit: Unknown

Examiner: Unknown

Atty. Dkt. No.: DEBE:054US

**EXPRESS MAIL MAILING LABEL**

NUMBER EV 414867145 US

DATE OF DEPOSIT November 8, 2005

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C.  
371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

**MS PCT**

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Sir:

In response to the Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US), dated September 8, 2005, there are enclosed herewith:

- (a) Declaration executed on behalf of Markus Hecker and Andreas H. Wagner;
- (b) A Power of Attorney on behalf of AVONTEC GMBH;
- (c) Statement as Required Under 37 C.F.R. § 1.825(a) and (b) and Statement as Required Under 37 C.F.R. § 1.821(g);
- (d) Computer Readable Form (CRF);

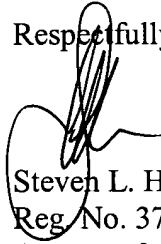
- (e) Paper Copy of Sequence Listing; and
- (f) A copy of Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US).

An Assignment to AVONTEC GMBH and a check for \$40.00 are being filed under separate cover.

If the check is inadvertently omitted, or should any additional fees under 37 C.F.R. §§ 1.16 to 1.21 be required for any reason relating to the enclosed materials, or should an overpayment be included, the Commissioner is authorized to deduct or credit the appropriate fees from or to Fulbright & Jaworski Deposit Account No.: 50-1212/DEBE:054US.

Please date stamp and return the accompanying postcard to evidence receipt of these documents.

Respectfully submitted,

  
Steven L. Highlander  
Reg No. 37,642  
Attorney for Applicants

FULBRIGHT & JAWORSKI L.L.P.  
600 Congress Avenue, Suite 2400  
Austin, Texas 78701  
(512) 474-5201

Date: November 8, 2005



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/526,521	Markus Hecker	DEBE:054US

INTERNATIONAL APPLICATION NO.	
PCT/DE03/02900	
I.A. FILING DATE	PRIORITY DATE
09/02/2003	09/02/2002

32425  
 FULBRIGHT & JAWORSKI L.L.P.  
 600 CONGRESS AVE.  
 SUITE 2400  
 AUSTIN, TX 78701

CONFIRMATION NO. 9672  
 371 FORMALITIES LETTER  
 \*OC000000016957942\*  
 \*OC000000016957942\*

Date Mailed: 09/08/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 03/01/2005
- English Translation of the IA filed on 03/01/2005
- Copy of the International Search Report filed on 03/01/2005
- Copy of IPE Report filed on 03/01/2005
- Preliminary Amendments filed on 03/01/2005
- Biochemical Sequence Diskette filed on 03/01/2005
- Biochemical Sequence Listing filed on 03/01/2005
- U.S. Basic National Fees filed on 03/01/2005
- Priority Documents filed on 03/01/2005

FULBRIGHT & JAWORSKI, LLP  
 IPT DOCKETING  
 Docketed ☒ Not Req'd ☐ Confirmation ☐  
 Initials 1st SLH Initials 2nd MR

SEP 12 2005

Attorney

Docket No.

Action Req'd

Date Due

DEBE:05445

Missing Parts/Sequence Listing  
 due 11/8/05 Final 4/8/06.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).



ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR SIX (6) MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

JOHN L ANDERSON

Telephone: (703) 308-9140 EXT 211

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/526,521	PCT/DE03/02900	DEBE:054US

**STIC Biotechnology Systems Branch**

**RAW SEQUENCE LISTING**  
**ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

10/526,521

Source:

Date Processed by STIC:

PCT/  
3/11/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses.

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - cPAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, - Alexandria, VA 22314

Revised 01/24/05

# Raw Sequence Listing Error Summary

## ERROR DETECTED

## SUGGESTED CORRECTION

SERIAL NUMBER: 10/5261521

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS WHICH WERE INSERTED BY PTO SOFTWARE

1. Wrapped Nucleics  
Wrapped Aminos

The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was received in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2. Invalid Line Length

The rules require that a line not exceed 72 characters in length. This includes white spaces.

3. Misaligned Amino  
Numbering

The numbering under each 5' amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4. Non-ASCII

The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5. Variable Length

Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>.<223> section that some may be missing.

6. PatentIn 2.0  
"bug"

A "bug" in PatentIn version 2.0 has caused the <220>.<223> section to be missing from amino acid sequence(s). Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>.<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>.<223> sections for Artificial or Unknown sequences.

7. Skipped Sequences  
(OLD RULES)

Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:  
(2) INFORMATION FOR SEQ ID NO X (insert SEQ ID NO where "X" is shown)  
(i) SEQUENCE CHARACTERISTICS (Do not insert any subheadings under this heading.)  
(ii) SEQUENCE DESCRIPTION SEQ ID NO X (insert SEQ ID NO where "X" is shown)  
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES" response to include the skipped sequence.

8. Skipped Sequences  
(NEW RULES)

Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:  
<210> sequence id number  
<400> sequence id number  
000

9. Use of n's or Xaa's  
(NEW RULES)

Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Per 1.823 of Sequence Rules, use of <220>.<223> is MANDATORY if n's or Xaa's are present.  
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

10. Invalid <213>  
Response

Per 1.823 of Sequence Rules, the only valid <213> responses are Unknown, Artificial Sequence, or scientific name (Genus/species). <220>.<223> section is required when <213> response is Unknown.

11. Use of <220>

Sequence(s) missing the <220> feature and associated numeric identifiers and responses.  
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 00/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

12. PatentIn 2.0  
"bug"

Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13. Misuse of n/Xaa

"n" can only represent a single nucleotide. "Xaa" can only represent a single amino acid.

08 NOV 2005

#4



PCT

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/526,521

DATE: 03/11/2005

TIME: 08:32:29

Input Set : E:\DEBE054.txt

Output Set: N:\CRF4\03112005\J526521.raw

3 <110> APPLICANT: HECKER, MARKUS  
4 WAGNER, ANDREAS  
5 <120> TITLE OF INVENTION: Decoy-Oligonucleotide-Inhibition of CD40-Expression  
6 <130> FILE REFERENCE: DEBE:054US  
C--> 7 <140> CURRENT APPLICATION NUMBER: US/10/526,521  
C--> 9 <141> CURRENT FILING DATE: 2005-03-01  
9 <150> PRIOR APPLICATION NUMBER: PCT/DE 03/02900 <151> 2003-09-02  
W--> 10 <150> PRIOR APPLICATION NUMBER: 102 40 417.8 <151> 2002-09-02  
11 <160> NUMBER OF SEQ ID NOS: 48  
12 <170> SOFTWARE: PatentIn version 3.1  
14 <210> SEQ ID NO: 1  
15 <211> LENGTH: 9  
16 <212> TYPE: DNA  
17 <213> ORGANISM: synthetic sequence  
19 <220> FEATURE:  
20 <221> NAME/KEY: misc\_feature  
21 <222> LOCATION: (1)..(1)  
22 <223> OTHER INFORMATION: V = g or c or a  
25 <220> FEATURE:  
W--> 26 <221> NAME/KEY: Decoy-Oligonucleotide  
27 <222> LOCATION: (1)..(9)  
28 <223> OTHER INFORMATION:  
31 <220> FEATURE:  
32 <221> NAME/KEY: misc\_feature  
33 <222> LOCATION: (9)..(9)  
34 <223> OTHER INFORMATION: S = g or c  
W--> 37 <400> 1  
38 vtgagtcas  
41 <210> SEQ ID NO: 2  
42 <211> LENGTH: 9  
43 <212> TYPE: DNA  
44 <213> ORGANISM: synthetic sequence  
46 <220> FEATURE:  
47 <221> NAME/KEY: misc\_feature  
48 <222> LOCATION: (1)..(1)  
49 <223> OTHER INFORMATION: S = g or c  
52 <220> FEATURE:  
W--> 53 <221> NAME/KEY: Decoy-Oligonucleotide  
54 <222> LOCATION: (1)..(9)  
55 <223> OTHER INFORMATION:  
58 <220> FEATURE:  
59 <221> NAME/KEY: misc\_feature  
60 <222> LOCATION: (9)..(9)

Does Not Comply  
Corrected Diskette Needed

(pg. 1-5)

Invalid  
Response

Invalid  
Response

Mandatory  
<213> response  
has to be  
either Artificial  
Unknown or  
Genus/Species.

See item #10 on error  
Summary sheet 3/11/05



## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/526,521

DATE: 03/11/2005

TIME: 08:32:29

Input Set : E:\DEBE054.txt

Output Set: N:\CRF4\03112005\J526521.raw

61 &lt;223&gt; OTHER INFORMATION: B = g or t or c

W--&gt; 64 &lt;400&gt; 2

65 stgastcab

68 &lt;210&gt; SEQ ID NO: 3

69 &lt;211&gt; LENGTH: 21

70 &lt;212&gt; TYPE: DNA

71 &lt;213&gt; ORGANISM: synthetic sequence

73 &lt;220&gt; FEATURE:

W--&gt; 74 &lt;221&gt; NAME/KEY: Decoy-Oligonucleotide

75 &lt;222&gt; LOCATION: (1)..(21)

76 &lt;223&gt; OTHER INFORMATION:

W--&gt; 79 &lt;400&gt; 3

80 cgcttgatga ctcagccgga a

83 &lt;210&gt; SEQ ID NO: 4

84 &lt;211&gt; LENGTH: 21

85 &lt;212&gt; TYPE: DNA

86 &lt;213&gt; ORGANISM: synthetic sequence

88 &lt;220&gt; FEATURE:

W--&gt; 89 &lt;221&gt; NAME/KEY: Decoy-Oligonucleotide

90 &lt;222&gt; LOCATION: (1)..(21)

91 &lt;223&gt; OTHER INFORMATION:

W--&gt; 94 &lt;400&gt; 4

95 ttccggctga gtcacaaagc g

98 &lt;210&gt; SEQ ID NO: 5

99 &lt;211&gt; LENGTH: 15

100 &lt;212&gt; TYPE: DNA

101 &lt;213&gt; ORGANISM: synthetic sequence

103 &lt;220&gt; FEATURE:

W--&gt; 104 &lt;221&gt; NAME/KEY: Decoy-Oligonucleotide

105 &lt;222&gt; LOCATION: (1)..(15)

106 &lt;223&gt; OTHER INFORMATION:

W--&gt; 109 &lt;400&gt; 5

110 gtgctgactc agcac

113 &lt;210&gt; SEQ ID NO: 6

114 &lt;211&gt; LENGTH: 15

115 &lt;212&gt; TYPE: DNA

116 &lt;213&gt; ORGANISM: synthetic sequence

118 &lt;220&gt; FEATURE:

W--&gt; 119 &lt;221&gt; NAME/KEY: Decoy-Oligonucleotide

120 &lt;222&gt; LOCATION: (1)..(15)

121 &lt;223&gt; OTHER INFORMATION:

W--&gt; 124 &lt;400&gt; 6

125 gtgctgagtc agcac

128 &lt;210&gt; SEQ ID NO: 7

129 &lt;211&gt; LENGTH: 15

130 &lt;212&gt; TYPE: DNA

131 &lt;213&gt; ORGANISM: synthetic sequence

133 &lt;220&gt; FEATURE:

W--&gt; 134 &lt;221&gt; NAME/KEY: Decoy-Oligonucleotide

9

See item  
#10 on  
error  
summary  
sheet.

21

15

15

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/526,521

DATE: 03/11/2005

TIME: 08:32:29

Input Set : E:\DEBE054.txt

Output Set: N:\CRF4\03112005\J526521.raw

✓ SAME  
errors  
15

135 <222> LOCATION: (1)..(15)  
136 <223> OTHER INFORMATION:  
W--> 139 <400> 7  
140 gtggtgactc accac  
143 <210> SEQ ID NO: 8  
144 <211> LENGTH: 15  
145 <212> TYPE: DNA  
146 <213> ORGANISM: synthetic sequence  
148 <220> FEATURE:  
W--> 149 <221> NAME/KEY: Decoy-Oligonucleotide  
150 <222> LOCATION: (1)..(15)  
151 <223> OTHER INFORMATION:  
W--> 154 <400> 8  
155 gtggtgactc accac  
158 <210> SEQ ID NO: 9  
159 <211> LENGTH: 17  
160 <212> TYPE: DNA  
161 <213> ORGANISM: synthetic sequence  
163 <220> FEATURE:  
W--> 164 <221> NAME/KEY: Decoy-Oligonucleotide  
165 <222> LOCATION: (1)..(17)  
166 <223> OTHER INFORMATION:  
W--> 169 <400> 9  
170 agtggtagct caccact  
173 <210> SEQ ID NO: 10  
174 <211> LENGTH: 17  
175 <212> TYPE: DNA  
176 <213> ORGANISM: synthetic sequence  
178 <220> FEATURE:  
W--> 179 <221> NAME/KEY: Decoy-Oligonucleotide  
180 <222> LOCATION: (1)..(17)  
181 <223> OTHER INFORMATION:  
W--> 184 <400> 10  
185 agtggtagct caccact  
188 <210> SEQ ID NO: 11  
189 <211> LENGTH: 17  
190 <212> TYPE: DNA  
191 <213> ORGANISM: synthetic sequence  
193 <220> FEATURE:  
W--> 194 <221> NAME/KEY: Decoy-Oligonucleotide  
195 <222> LOCATION: (1)..(17)  
196 <223> OTHER INFORMATION:  
W--> 199 <400> 11  
200 tgtgctgact cagcaca  
203 <210> SEQ ID NO: 12  
204 <211> LENGTH: 17  
205 <212> TYPE: DNA  
206 <213> ORGANISM: synthetic sequence  
208 <220> FEATURE:

15

17

17

17

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/526,521

DATE: 03/11/2005

TIME: 08:32:29

Input Set : E:\DEBE054.txt

Output Set: N:\CRF4\03112005\J526521.raw

W--> 209 <221> NAME/KEY: Decoy-Oligonucleotide  
210 <222> LOCATION: (1)..(17)  
211 <223> OTHER INFORMATION:

W--> 214 <400> 12  
215 tgtgctgagt cagcaca 17  
218 <210> SEQ ID NO: 13  
219 <211> LENGTH: 19  
220 <212> TYPE: DNA  
221 <213> ORGANISM: synthetic sequence  
223 <220> FEATURE:

W--> 224 <221> NAME/KEY: Decoy-Oligonucleotide  
225 <222> LOCATION: (1)..(19)  
226 <223> OTHER INFORMATION:

W--> 229 <400> 13  
230 ttgtgctgac tcagcacao 19  
233 <210> SEQ ID NO: 14  
234 <211> LENGTH: 19  
235 <212> TYPE: DNA  
236 <213> ORGANISM: synthetic sequence  
238 <220> FEATURE:

W--> 239 <221> NAME/KEY: Decoy-Oligonucleotide  
240 <222> LOCATION: (1)..(19)  
241 <223> OTHER INFORMATION:

W--> 244 <400> 14  
245 ttgtgctgag tcagcacao 19  
248 <210> SEQ ID NO: 15  
249 <211> LENGTH: 13  
250 <212> TYPE: DNA  
251 <213> ORGANISM: synthetic sequence  
253 <220> FEATURE:

W--> 254 <221> NAME/KEY: Decoy-Oligonucleotide  
255 <222> LOCATION: (1)..(13)  
256 <223> OTHER INFORMATION:

W--> 259 <400> 15  
260 tggtagtca cca 13  
263 <210> SEQ ID NO: 16  
264 <211> LENGTH: 13  
265 <212> TYPE: DNA  
266 <213> ORGANISM: synthetic sequence  
268 <220> FEATURE:

W--> 269 <221> NAME/KEY: Decoy-Oligonucleotide  
270 <222> LOCATION: (1)..(13)  
271 <223> OTHER INFORMATION:

W--> 274 <400> 16  
275 tggtagtca cca 13  
278 <210> SEQ ID NO: 17  
279 <211> LENGTH: 15  
280 <212> TYPE: DNA  
281 <213> ORGANISM: synthetic sequence

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/526,521

DATE: 03/11/2005

TIME: 08:32:29

Input Set : E:\DEBE054.txt

Output Set: N:\CRF4\03112005\J526521.raw

283 <220> FEATURE:

W--> 284 <221> NAME/KEY: Decoy-Oligonucleotide

285 <222> LOCATION: (1)..(15)

286 <223> OTHER INFORMATION:

W--> 289 <400> 17

290 atggtgagtc accat

293 <210> SEQ ID NO: 18

294 <211> LENGTH: 15

295 <212> TYPE: DNA

296 <213> ORGANISM: synthetic sequence

298 <220> FEATURE:

W--> 299 <221> NAME/KEY: Decoy-Oligonucleotide

300 <222> LOCATION: (1)..(15)

301 <223> OTHER INFORMATION:

W--> 304 <400> 18

305 atggtgagtc accat

308 <210> SEQ ID NO: 19

309 <211> LENGTH: 17

310 <212> TYPE: DNA

311 <213> ORGANISM: synthetic sequence

313 <220> FEATURE:

W--> 314 <221> NAME/KEY: Decoy-Oligonucleotide

315 <222> LOCATION: (1)..(17)

316 <223> OTHER INFORMATION:

W--> 319 <400> 19

320 tatggtgagt caccata

323 <210> SEQ ID NO: 20

324 <211> LENGTH: 17

325 <212> TYPE: DNA

326 <213> ORGANISM: synthetic sequence

328 <220> FEATURE:

W--> 329 <221> NAME/KEY: Decoy-Oligonucleotide

330 <222> LOCATION: (1)..(17)

331 <223> OTHER INFORMATION:

W--> 334 <400> 20

335 tatggtgact caccata

338 <210> SEQ ID NO: 21

339 <211> LENGTH: 19

340 <212> TYPE: DNA

341 <213> ORGANISM: synthetic sequence

343 <220> FEATURE:

W--> 344 <221> NAME/KEY: Decoy-Oligonucleotide

345 <222> LOCATION: (1)..(19)

346 <223> OTHER INFORMATION:

W--> 349 <400> 21

350 ctatggtgag tcaccatag

353 <210> SEQ ID NO: 22

354 <211> LENGTH: 19

355 <212> TYPE: DNA

✓ SAME  
15  
errors

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/526,521

DATE: 03/11/2005

TIME: 08:32:30

Input Set : E:\DEBE054.txt

Output Set: N:\CRF4\03112005\J526521.raw

L:7 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:10 M:289 W: Identifier Missing or Out-Of-Order, <150> PRIOR APP FILING DATE  
L:26 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1  
L:37 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:28  
L:53 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2  
L:64 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:2,Line#:55  
L:74 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3  
L:79 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:76  
L:89 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4  
L:94 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:91  
L:104 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5  
L:109 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:106  
L:119 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6  
L:124 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:6,Line#:121  
L:134 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:7  
L:139 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:7,Line#:136  
L:149 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8  
L:154 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:8,Line#:151  
L:164 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:9  
L:169 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:9,Line#:166  
L:179 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:10  
L:184 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:10,Line#:181  
L:194 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:11  
L:199 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:11,Line#:196  
L:209 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:12  
L:214 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:12,Line#:211  
L:224 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:13  
L:229 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:13,Line#:226  
L:239 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:14  
L:244 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:14,Line#:241  
L:254 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:15  
L:259 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:15,Line#:256  
L:269 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:16  
L:274 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:16,Line#:271  
L:284 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:17  
L:289 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:17,Line#:286  
L:299 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:18  
L:304 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:18,Line#:301  
L:314 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:19  
L:319 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:19,Line#:316  
L:329 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:20  
L:334 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:20,Line#:331  
L:344 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:21  
L:349 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:21,Line#:346  
L:359 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:22  
L:364 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:22,Line#:361  
L:374 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:23

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/526,521

DATE: 03/11/2005

TIME: 08:32:30

Input Set : E:\DEBE054.txt

Output Set: N:\CRF4\03112005\J526521.raw

L:379 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:23,Line#:376  
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L:394 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:24,Line#:391  
L:404 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25  
L:409 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:25,Line#:406  
L:419 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26  
L:424 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:26,Line#:421  
L:434 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27  
L:439 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:27,Line#:436  
L:449 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:28  
L:454 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:28,Line#:451  
L:464 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:29  
L:469 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:29,Line#:466  
L:479 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:30  
L:484 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:30,Line#:481  
L:494 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:31  
L:499 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:31,Line#:496  
L:509 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32  
L:514 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:32,Line#:511  
L:524 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:33  
L:529 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:33,Line#:526  
L:539 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:34  
L:544 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:34,Line#:541  
L:554 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:35  
L:559 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:35,Line#:556  
L:569 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:36  
L:574 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:36,Line#:571  
L:584 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:37  
L:589 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:37,Line#:586  
L:599 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:38  
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L:614 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:39  
L:619 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:39,Line#:616  
L:629 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:40  
L:634 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:40,Line#:631  
L:644 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:41  
L:649 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:41,Line#:646  
L:659 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:42  
L:664 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:42,Line#:661  
L:674 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:43  
L:679 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:43,Line#:676  
L:689 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:44  
L:694 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:44,Line#:691  
L:704 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:45  
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L:719 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:46  
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L:734 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:47  
L:739 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:47,Line#:736

VERIFICATION SUMMARY

DATE: 03/11/2005

PATENT APPLICATION: US/10/526,521

TIME: 08:32:30

Input Set : E:\DEBE054.txt

Output Set: N:\CRF4\03112005\J526521.raw

L:749 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:48

L:754 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:48,Line#:751